DCI/IC/CS:[        ]JET:ho 5 Feb 74
Distribution:
    Orig - addressee
       1 - D/DCI/IC
       1 - IC Registry
       1 - CS Subject [        ] 1-74)
                    Bigot List

       1 - CS chrono
       1 - [        ] Chrono

**DCI/IC 74-0943**

5 February 1974

MEMORANDUM FOR:  General Graham

SUBJECT:         Computer Time Costs for BIGOT List
                 Feasibility Study

    1.  Pursuant to Mr. Colby's directive to the IC and
Office of Security that we investigate a "credit card system"
for authentication of security clearances, especially those
for narrowly compartmented systems and projects, the Office
of Security has drafted an initial proposal for Project
CLAIRE (Community Limited Access Intelligence Roster). A
copy of this initial proposal is attached for your information.
(Please return since [        ] has his marginal notes in it.)

    3.  The Office of Security has no funds for such use and
has asked if the IC could commit up to $2,000 of its computer
budget for this purpose.

    4.  Jack has discussed this with [        ] who concurs.

    5.  Your approval is requested. [        ], budget officer
for the DCI Staff  has earmarked the funds.

                                    Rear Admiral, USN
                                    Chief, Coordination Staff

Approved:

        /s/
_____
Daniel O. Graham, D/DCI/IC  (date)
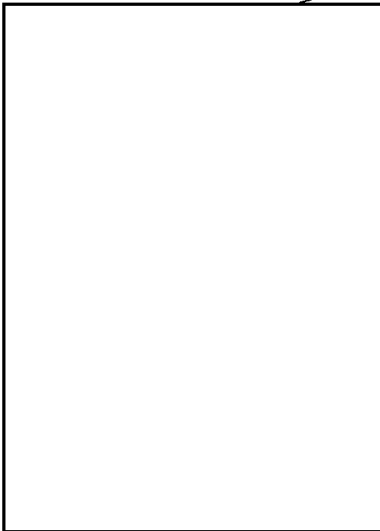
Attachment as stated

COMMUNITY

LIMITED

ACCESS

INTELLIGENCE

REGISTER

PURPOSE:     TO DEVELOP AN UNCLASSIFIED AUTOMATED SYSTEM WHICH

ILLEGIB

* MAINTAINS UP-TO-DATE ACCESS AUTHORIZATION LISTINGS
  FOR A VIRTUALLY UNLIMITED NUMBER OF SENSITIVE
  INTELLIGENCE PROJECTS OR TOPICS.

* PROVIDES AN EFFICIENT METHOD READILY ACCESSIBLE
  FROM A LARGE NUMBER OF LOCATIONS OF DETERMINING
  WHETHER AN INDIVIDUAL IS AUTHORIZED ACCESS TO A
  GIVEN PROJECT OR TOPIC.

* RECORDS FOR LATER RETRIEVAL INFORMATION IDENTIFYING
  SYSTEM QUERIES RESULTING IN A POSITIVE RESPONSE.

# DESIGN REQUIREMENTS

* BASIC RECORD

* QUERY CAPABILITY

* TRANSACTION HISTORY

* OUTPUT

* GROWTH POTENTIAL

* SECURITY

\* <u>BASIC RECORD</u>

+ PROJECT (TOPIC) IDENTIFIER

-- CAPABILITY TO HANDLE UP TO 10,000 DIFFERENT
PROJECTS, TOPICS, OR LEVELS.

-- ALPHA/NUMERIC/ALPHANUMERIC CODE.

+ OFFICER(S) OF PROJECT RESPONSIBILITY

-- WHO AUTHORIZES ACCESS ?

-- IDENTIFICATION AND ORGANIZATION

+ "LIST" OF AUTHORIZED PERSONNEL

-- WHO IS AUTHORIZED ACCESS TO EACH PROJECT ?

-- BY NAME AND SOCIAL SECURITY NUMBER

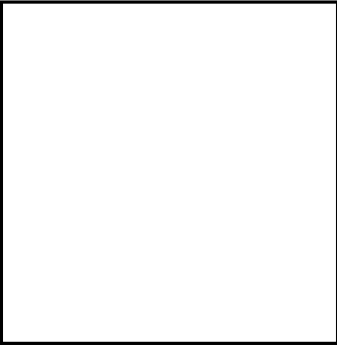-- SIZE OF A GIVEN LIST WILL COVER RANGE
5 - 250,000

ILLEGIB

\* <u>QUERY CAPABILITY</u>

+ FORM - CREDIT CARD AND KEYED CHARACTERS

+ PERSONAL IDENTIFIER AND PROJECT CODE(S)

+ AUTOMATIC RESPONSE --
    -- YES OR NO, I.E., WHETHER PERSON IS ACCESS
       APPROVED. (PERHAPS BY LIGHT SIGNAL)

ILLEGIB

ILLEGIB

+ TERMINALS --
    -- LARGE NUMBER
    -- DISPERSE
    -- SIMPLE
    -- INPUT TERMINAL IDENTIFIER
    -- QUERY DATE

ILLEGIB

\* <u>TRANSACTION HISTORY</u>

    + RECORD OF "POSITIVE RESPONSE" QUERIES

    + DATA ITEMS

        -- TERMINAL IDENTIFIER

        -- DATE (& MAYBE TIME)

        -- PROJECT IDENTIFIER(S)

        -- PERSONAL IDENTIFIER(S)

    + AD HOC QUERY UNDER SYSTEM MANAGER CONTROL

ILLEGIB

    + BATCH MAINTENANCE - PROBABLY WEEKLY

ILLEGIB

    + USEFUL LIFE - MAXIMUM OF ONE YEAR

\* <u>OUTPUT</u>

    + ON-LINE: YES/NO ONLY

    + BATCH:

        -- <u>PERIODIC</u> SELECTED LISTINGS OF PERSONNEL
           ACCESS APPROVED FOR PROJECT(S)

        -- <u>AD HOC</u> LISTINGS OF APPROVALS HELD BY
           GIVEN INDIVIDUAL

        -- <u>AD HOC</u> LISTINGS OF QUERIES FROM GIVEN
           TERMINAL ON GIVEN DATE (IN TIME ORDER)

        -- <u>AD HOC</u> LISTINGS OF PROJECT IDENTIFIERS
           WITH CURRENT APPROVAL TOTALS AND
           IDENTIFICATION OF PROJECT RESPONSIBLE
           OFFICER
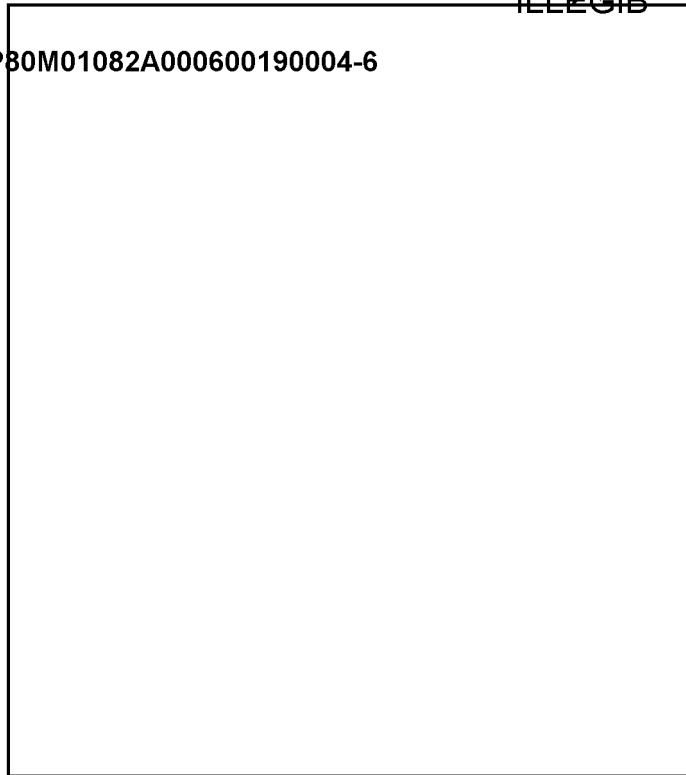
\* <u>GROWTH POTENTIAL</u>

+ PHASE I          DEVELOPMENTAL
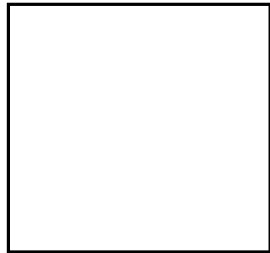
+ PHASE II       OPERATIONAL _ CIA

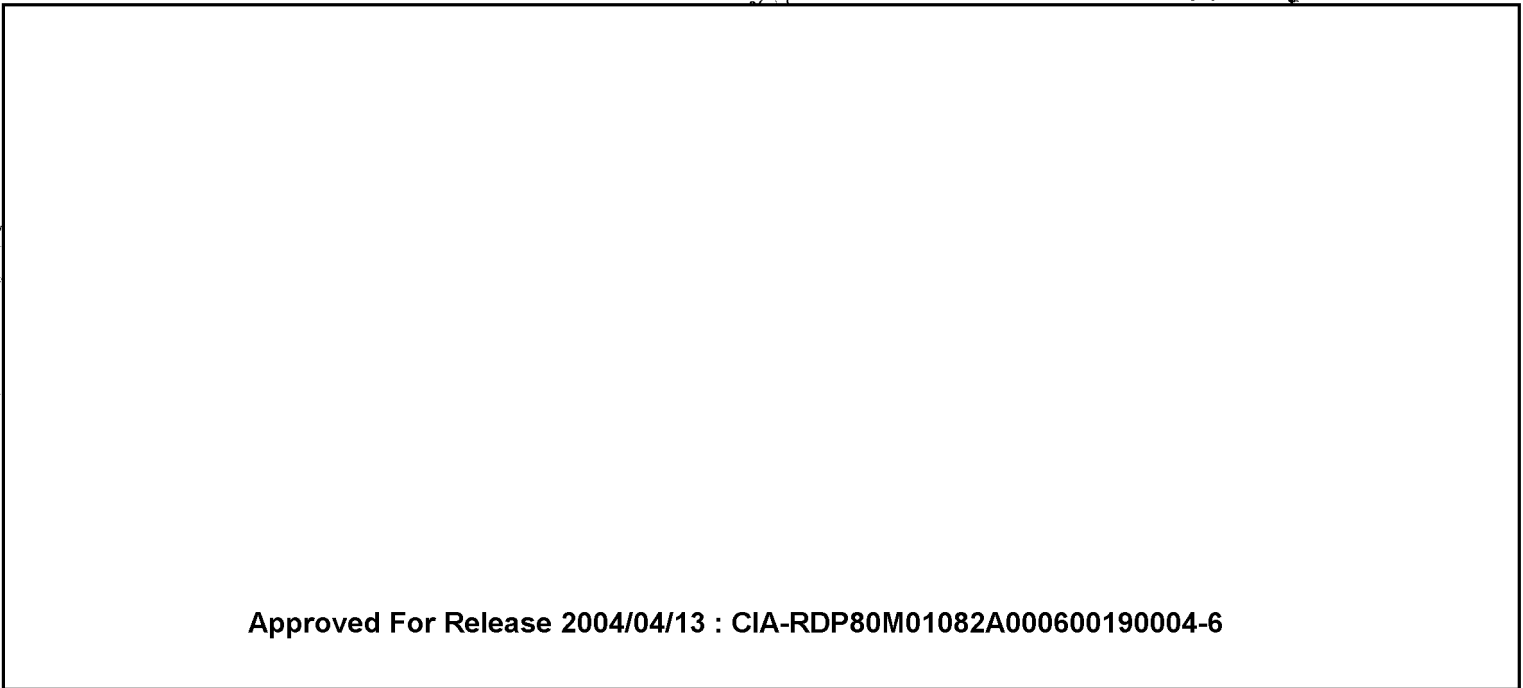+ PHASE III     OPERATIONAL _ INTELLIGENCE
                                          COMMUNITY

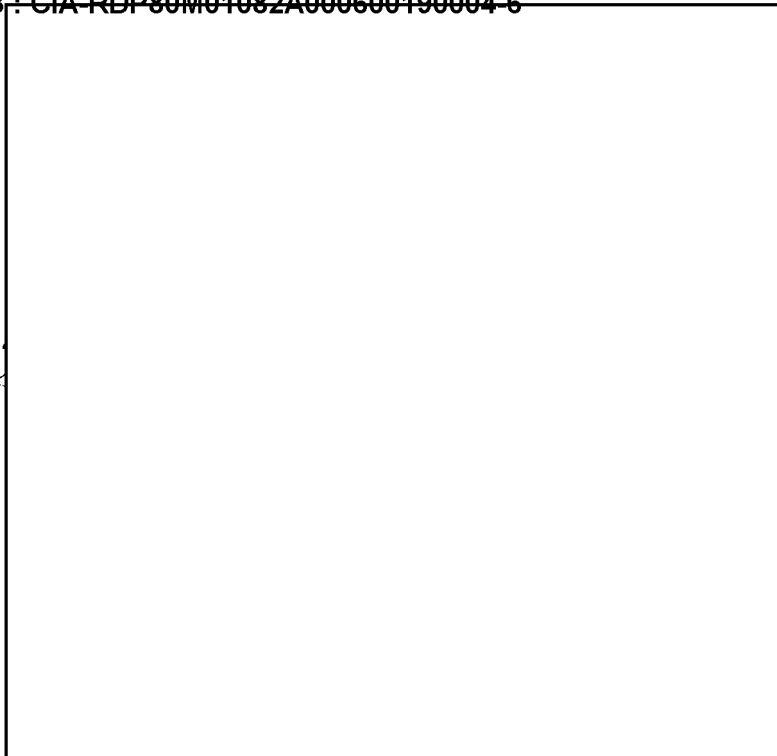+ PHASE IV      OPERATIONAL _ INTELLIGENCE
                                          COMMUNITY

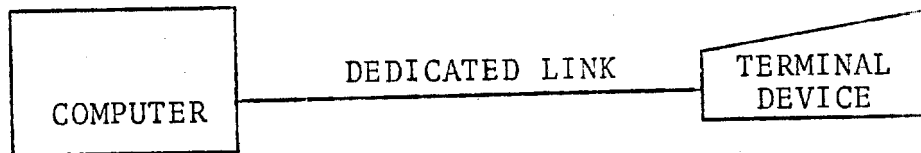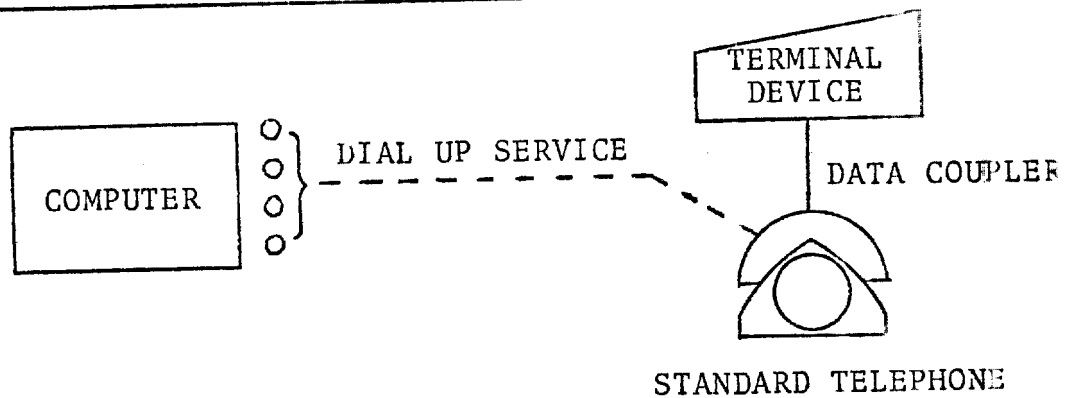* <u>SECURITY</u>

+ SYSTEM UNCLASSIFIED

+ SECURITY NOT A FACTOR EXCEPT FOR INTEGRITY OF
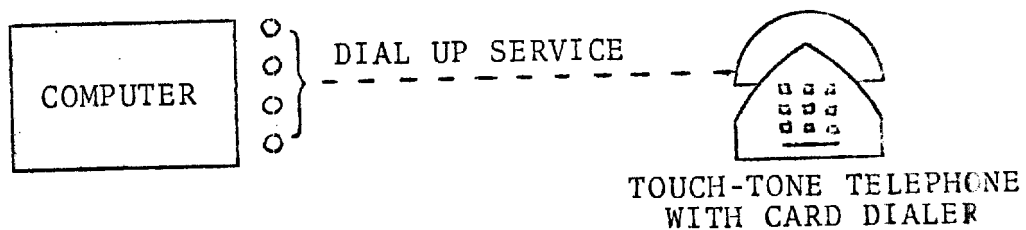    DATA BASE

+ HANDLE BY DISALLOWING REMOTE UPDATE

# COMMUNICATIONS OPTIONS

COMPUTER —— DEDICATED LINK —— TERMINAL DEVICE

**I**

COMPUTER ··· DIAL UP SERVICE ··· TERMINAL DEVICE

DATA COUPLER

STANDARD TELEPHONE

**II**

COMPUTER ··· DIAL UP SERVICE ···

TOUCH-TONE TELEPHONE WITH CARD DIALER

III